IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Fumio NAGASHIMA

Serial No.: (Div. of 08/919,254)   Prior Examiner: A. Khatri

Filed: (Concurrently)   Prior Group Art Unit: 2762

For: METHOD AND APPARATUS FOR OBJECT ORIENTED PROGRAMMING IN
COMPONENT BUILDING, ITS STORAGE MEDIUM, USES, SUPPORTS AND
OBJECT BETWEEN-NETWORK-DISPLAY

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to the examination on the merits of the above application, kindly amend the

application as follows.

IN THE SPECIFICATION:

Please **AMEND** the specification as follows:

Before the first line insert the sentence:

--This application is a divisional of application number 08/919,254, filed August

28, 1997, now allowed; which is a CIP application of serial number

08/855,986, filed May 14, 1997, now abandoned.--

Page 1, line 10, delete "an";

line 21, change "objects a" to --objects,--;

line 22, delete "a"; delete "an";

Page 2, line 1, after "objects" (first occurrence) insert --,--;

line 2, delete "the";

Page 3, line 4, delete "an";

line 9, delete "the" (last occurrence);

line 10, after "object" insert --,--;

line 17, change "the" to --this concept of--; delete "taking in";

line 18, delete "such a concept"; delete "an";

line 19, delete "software"; change "complicated, a method of making" to --complicated software, the creation--;

line 20, change "up" to --of--; delete "a";

line 21, delete "the";

line 24, after "of" insert --the--.

Page 4, line 1, after "of" insert --the--;

line 3, change "of the methods is" to --was--;

line 5, delete "the" (second occurrence);

line 6, delete "a";

line 10, change "the" to --an--;

line 18, change "is" to --was--;

line 21, change "is" to --becomes--;

line 22, change "They are" to --This technique is--; change "above-mentioned" to --desire for--;

line 23, change "reuse" to --reusable objects; after "thus" insert --,--;

line 24, delete "the" (second occurrence).

Page 5, line 3, change "number" to --amount--;

line 4, change "softwares" to --software--; change "are" to --is--; delete "a";

line 5, change "concept referred to an object-oriented." to --an object-oriented concept.--;

line 8, change "soft ware" to --software--.

Page 53, line 14, change "processings for an" to --processing for--;

Page 54, line 1, change "an" to --the--;

line 4, change "an" to --the--;

line 7, change "an" to --the--;

line 10, change "an" to --the--;

line 14, change "an" to --the--;

line 16, change "an" to --the--.

Page 55, line 9, change "processings for an" to --processing for--;

line 12, delete "of processings";

line 15, delete "of processings";

line 18, delete "of processings";

line 21, delete "of processings";

line 24, delete "of processings".

Page 56, line 3, delete "of processings";

line 6, change "processings for an" to --processing for--;

line 10, delete "of processings";

line 13, delete "of processings";

line 16, delete "of processings";

line 19, delete "of processings";

Page 57, line 14, change "(B)" to --38(B)--;

line 17, change "(B)" to --39(B)--;

line 19, change "(B)" to --40(B)--;

line 22, change "(B)" to --41(B)--; change "(C)" --41(C)--.

Page 58, line 4, change "(B)" to --43(B)--;

line 6, change "(B)" to --44(B)--; change "(C)" to --44(C)--;

line 11, change "(B)" to --46(B)--;

line 14, change "(B)" to --47(B)--;

line 20, change "(B)" to --49(B)--; change "(C)" to --49(C)--;

line 24, change "(B)" to --51(B)--; change "(C)" to --51(C)--.

Page 59, line 4, change "(B)" to --52(B)--;

line 22, change "(B)" to --63(B)--; change "(C)" to --63(C)--.

Page 71, line 3, change "seqq." to --seq.--;

line 6, change "(cf. Fig. 1) to --(Fig. 1)--;

line 21, change "which constitutes" to --in--;

line 24, change "(here typically" to --(for example--; change "(here" to --(for--.

Page 72, line 1, change "typically" to --example--;

line 3, change "which constitutes" to --in--;

line 4, change "(here typically" to --(for example--;

line 6, change "self" to --"self"-- ; change "(here typically" to --(for example--;

line 7, change "(here typically" to --(for example--;

line 8, change "(here typically" to --(for example--;

line 20, change "which constitutes" to --in--;

line 22, delete "typically".

Page 73, line 1, change "which" to --in--;

line 2, delete "constitutes";

line 7, change "which constitutes" to --in--;

line 8, delete "typically";

line 11, change "which constitutes" to --in--.

Page 74, line 15, after "of" insert--the--;

line 18, after "element" insert --ME$_B$ in Fig. 3--; delete "in its column";

line 19, delete "of";

line 20, change "indicative of" to --indicating--.

Page 75, line 6, after "are" insert --the--;

line 7, delete "one".

Page 76, line 2, delete "a";

line 3, change "the" to --an-- (both occurrences);

line 14, delete "of" (first occurrence); after "of" insert --the--.

Page 78, line 6, change "is" to --may be--.

Page 80, line 20, change "elements" to --elements,--.

Page 81, line 1, after "of" (second occurrence) insert --the--;

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line 4, change "why it is to do so is" to --this is done is so--.

Page 83, line 2, change "why it is to do so is" to --this is done is so--; change "including" to --in Fig. 11 and--;

line 3, change "are" to --can be--.

Page 189, line 19, change "th" to --the--.

IN THE CLAIMS

Please CANCEL original claims 1-55 without prejudice or disclaimer and AMEND claims 56 and 57 as follows.

56. (ONCE AMENDED) A component builder apparatus, comprising:

a first handler [for] to selectively [indicating] indicate making of methods and messages;

a second handler [for inputting an instruction of an issue of] to designate a desired event of [a predetermined] existing software; and

a component builder [means for building] to build a component which serves as one object in combination with [said] the existing software, [said] the component [builder means serving, when] including a method in response to an indication of making of [a] the method [is instructed] by [an operation of] said first handler and [a predetermined] designation of a first event of the existing software [is issued] by [an operation of] said second handler, [to make on] the [component a] method [which fires with] firing in response to a first message issued by another object [and issues] to issue the first event, and [serving, when] the component including a message in response to an indication of making of a second message [is instructed] by [an operation of] said first handler and [an issue] designation of [a predetermined] a second event of the existing software [is instructed] by [an operation of] said second handler, the second message issuing in response to [an] occurrence of the second event, to [make on the component a message for informing] inform other objects [of the fact] that the second event occurred.

57. (ONCE AMENDED) An object-oriented programming supporting apparatus, comprising:

a component file [for storing therein a] to store components, each component serving [which serves] as one object in combination with [a predetermined] corresponding existing software, [said component] and including a method of issuing an event of the [predetermined] corresponding existing software through [a] firing [by] in response to a message issued [in other] by another object, and a message for informing other [object of] objects that the event [is] has issued through executing [said] the method[, and said component being stored in said component file with respect to one or more existing softwares];

a handler [for inputting] to input an instruction [of an] to issue [of] the event [as to] of the corresponding existing software;

an event log file [for storing] to store a list [for] of the events [as to one or more] of the existing [softwares] software, [which are] to be sequentially issued in accordance with an operation of said handler; and

a component [coupling means for taking] coupler to take out sequentially the events from said event log file, to combine [a] the message of a first component [including] issuing the message for informing the other [object of] objects that the [same] event [as that taken out before] is issued and [a] the method of a second component [including the method of] for issuing the [same] event [as that taken out now].

REMARKS

This Preliminary Amendment is submitted to improve the form of the specification as originally filed. No new matter is presented herein.

It is respectfully requested that this Preliminary Amendment be entered in the above-referenced application.

If any further fees are required in connection with the filing of this Preliminary Amendment, please charge same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY

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Dated: 1/22/01

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